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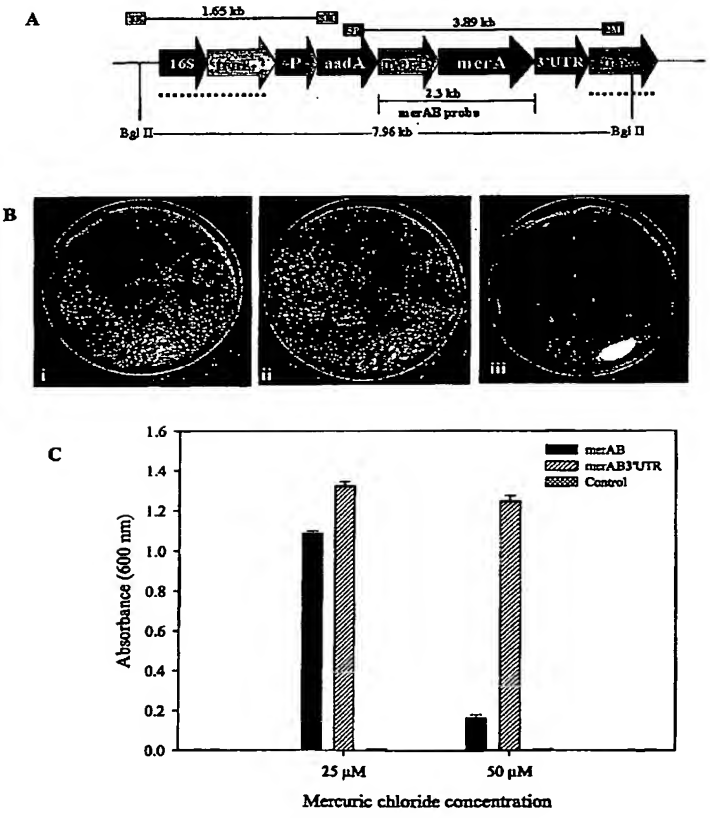
(54) Title: PHYTOREMEDIATION OF CONTAMINANT COMPOUNDS VIA CHLOROPLAST GENETIC ENGINEERING



(57) Abstract: A plastid transformation vector for stably transforming a plastid genome, comprising, as operably-linked components, a first flanking sequence, at least one DNA sequence coding for a polypeptide suitable for remediating a contaminant compound, and a second flanking sequence, wherein a plant is stably transformed with the plastid transformation vector, and the plant is capable of phytoremediating a comtaminant compound.

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